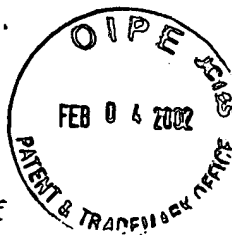


1733

10/25

PH-78205



In re PATENT APPLICATION of  
Inventor: Tomoyoshi YABE

Group Art Unit: 1733Appln. No. 09/578,038Examiner: TONYA LEE #5Date Filed: May 25, 2000Title: Surface inspection system

POWER OF ATTORNEY  
AND REVOCATION OF PRIOR POWERS

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TO THE COMMISSIONER OF PATENTS AND TRADEMARKS:

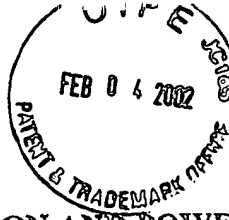
I, the undersigned, being the inventor and having on or about the \_\_\_\_\_ appointed Pillsbury Madison & Sutro LLP, of the District of Columbia, as my attorneys to prosecute an application for Letters Patent, which application was filed on or about the \_\_\_\_\_, for an

\_\_\_\_\_ hereby revokes all previous powers of attorney and hereby appoints Shook, Hardy & Bacon L.L.P., 600 14th Street, Suite 800, Washington, D.C. 20005-2004, telephone number 202-783-8400, and the below named persons, individually and collectively as my attorneys to prosecute said application, and to transact all business in the Patent and Trademark Office connected therewith and with the resulting patent: William B. Kircher, Reg. No. 22,481; James H. Marsh, Jr., Reg. No. 24,533; J. David Wharton, Reg. No. 25,717; Joseph B. Bowman, Reg. No. 25,807; Peter W. Gowdey, Reg. No. 25,872; Richard R. Johnson, Reg. No. 27,452; Walter R. Brookhart, Reg. No. 29,518; James H. Riley, II, Reg. No. 31,131; Joan Optican Herman, Reg. No. 31,968; Michael B. Hurd, Reg. No. 32,241; Michael J. Gross, Reg. No. 35,528; William P. Jensen, Reg. No. 36,833; Chris Murphy, Reg. No. 39,786; Daniel W. Shimm, Reg. No. 40,810; B. Trent Webb, Reg. No. 40,865; Susan J. Wharton, Reg. No. 41,524; Scott B. Strohm, Reg. No. 42,172; Janine A. Carlan, Reg. No. 42,387; Clinton G. Newton, Reg. No. 42,930; Ladi Shogbamimu, Reg. No. 46,291; and Dennis Danella, Reg. No. 46,653. Address all telephone calls to Peter W. Gowdey, at (202) 783-8400, ext. 47074. Address all correspondence to: Peter W. Gowdey, SHOOK, HARDY & BACON L.L.P., 600 14th Street, N.W., Suite 800, Washington, D.C. 20005-2004

NICHIHA CORPORATION

Assignee

By T. YoshidaName: Tetsuro YoshidaTitle: PresidentDate: November 9, 2001



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**DECLARATION AND POWER OF ATTORNEY  
FOR PATENT APPLICATION  
IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or on original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled Surface inspection system, the specification of which

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(check one)

- ☐ A. is attached hereto.
- ☒ B. was filed on May 25, 2000 as Application Serial No. 09/578,038, and was amended on \_\_\_\_\_ (if applicable).
- ☐ C. was filed as PCT International application No. PCT/\_\_\_\_\_/\_\_\_\_ on \_\_\_\_\_ and (if applicable to U.S. or PCT application) was amended on \_\_\_\_\_

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which known to me to be material to patentability and to the examination of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56(a).

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate or 365(a) of any PCT International Application which designated at least one other country than the United States listed below and have also identified below any foreign application for patent or inventor's certificate or PCT International Application, filed by me or my assignee disclosing the subject matter claimed in this application and having a filing date (1) before that of the application on which priority is claimed, or (2) if not priority claimed, before the filing date of this application:

Prior Foreign Application Number	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Claimed? Y/N	Certified Copy Attached? Y/N
144912/1999	Japan	05/25/1999	Y	Y
162471/1999	Japan	06/09/1999	Y	Y

I hereby claim the benefit under 35 U.S.C. 119(e) or 120 under and/or 365(c) of the indicated United States applications listed below and PCT international applications listed above or below and, if this is a continuation-in-part (CIP) application, insofar as the subject



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matter disclosed and claimed in this application is in addition to that disclosed in such prior applications, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in 37 Code of Federal Regulations §1.56 which became available between the filing date of each such prior application and the national or PCT International filing date of this application:

United States Provisional Application Number(s)	Filing Date (MM/DD/YYYY)

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I hereby claim the benefit under Title 35, United States Code, § 120 or § 365(c) of any United States application(s) listed above or below and of any PCT International application(s) and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application Number(s)	Filing Date (MM/DD/YYYY)

I hereby appoint Shook, Hardy & Bacon L.L.P., to whom all communications are to be directed, and the following attorneys in that firm individually and collectively as my attorneys to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith and with the resulting patent, and to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/organization who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct the above Firm and/or an attorney of that Firm in writing the contrary, and to file and prosecute any corresponding foreign applications, including any international applications under the Patent Cooperation Treaty or the European Patent Convention: William B. Kircher, Reg. No. 22,481; James H. Marsh, Jr., Reg. No. 24,533; J. David Wharton, Reg. No. 25,717; Joseph B. Bowman, Reg. No. 25,807; Peter W. Gowdey, Reg. No. 25,872; Richard R. Johnson, Reg. No. 27,452; Walter R. Brookhart, Reg. No. 29,518; James H. Riley, II, Reg. No. 31,131; Joan Optican Herman, Reg. No. 31,968; Michael B. Hurd, Reg. No. 32,241; Michael J. Gross, Reg. No. 35,528; William P. Jensen, Reg. No. 36,833; Chris Murphy, Reg. No. 39,786; Daniel W. Shinn, Reg. No. 40,810; B. Trent Webb, Reg. No. 40,865; Susan J. Wharton, Reg. No. 41,524; Scott B. Strohm, Reg. No. 42,172; Janine A. Carlan, Reg. No. 42,387; Clinton G. Newton, Reg. No. 42,930; Ladi Shogbamimu, Reg. No. 46,291; Dennis Danella, Reg. No. 46,653; Tawni L. Brown, Reg. No. 47,456; Daniel P. Devers, Reg. No. 47,523; John K Hsu, Reg. No. 45,563 and Greg S. Donahue, Reg. No. 47,531. Address all correspondence to: Peter W. Gowdey, SHOOK, HARDY & BACON L.L.P., 600 14<sup>th</sup> Street, N.W. Washington, D.C. 20005-2004, telephone number (202)662-4879.

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I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

(1) Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Name	Tomoyoshi		YABE
	First	Middle Initial	Family Name
Residence	Aichi	Japan	Japan
	City	State/Foreign Country	Country of Citizenship
Mailing Address (include Zip Code) Gran Prised 302, 19,			
Himemiyacho 2-chome, Mizuho-ku, Nagoya-shi, Aichi 467-0834, Japan			

(2) Inventor's Signature: \_\_\_\_\_ Date: \_\_\_\_\_

Name			
	First	Middle Initial	Family Name
Residence			
	City	State/Foreign Country	Country of Citizenship
Mailing Address (include Zip Code)			

In re PATENT APPLICATION of  
Inventor: Tomoyoshi YABE

Group Art Unit: \_\_\_\_\_

Appln. No. 09/578,038

Examiner: \_\_\_\_\_

Date Filed: May 25, 2000

Title: Surface inspection system

**POWER OF ATTORNEY  
AND REVOCATION OF PRIOR POWERS**

TO THE COMMISSIONER OF PATENTS AND TRADEMARKS:

I, the undersigned, being the inventor and having on or about the \_\_\_\_\_ appointed Pillsbury Madison & Sutro LLP, of the District of Columbia, as my attorneys to prosecute an application for Letters Patent, which application was filed on or about the \_\_\_\_\_, for an \_\_\_\_\_ hereby revokes all previous powers of attorney and hereby appoints Shook, Hardy & Bacon L.L.P., 600 14th Street, Suite 800, Washington, D.C. 20005-2004, telephone number 202-783-8400, and the below named persons, individually and collectively as my attorneys to prosecute said application, and to transact all business in the Patent and Trademark Office connected therewith and with the resulting patent: William B. Kircher, Reg. No. 22,481; James H. Marsh, Jr., Reg. No. 24,533; J. David Wharton, Reg. No. 25,717; Joseph B. Bowman, Reg. No. 25,807; Peter W. Gowdey, Reg. No. 25,872; Richard R. Johnson, Reg. No. 27,452; Walter R. Brookhart, Reg. No. 29,518; James H. Riley, II, Reg. No. 31,131; Joan Optican Herman, Reg. No. 31,968; Michael B. Hurd, Reg. No. 32,241; Michael J. Gross, Reg. No. 35,528; William P. Jensen, Reg. No. 36,833; Chris Murphy, Reg. No. 39,786; Daniel W. Shimm, Reg. No. 40,810; B. Trent Webb, Reg. No. 40,865; Susan J. Wharton, Reg. No. 41,524; Scott B. Strohm, Reg. No. 42,172; Janine A. Carlan, Reg. No. 42,387; Clinton G. Newton, Reg. No. 42,930; Ladi Shogbamimu, Reg. No. 46,291; and Dennis Danella, Reg. No. 46,653. Address all telephone calls to Peter W. Gowdey, at (202) 783-8400, ext. 47074. Address all correspondence to: Peter W. Gowdey, SHOOK, HARDY & BACON L.L.P., 600 14th Street, N.W., Suite 800, Washington, D.C. 20005-2004

NICHIHA CORPORATION

Assignee

By T. Yoshida  
Name: Tetsuro Yoshida  
Title: President

Date: November 9, 2001



UNITED STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

JULY 28, 2000

PTAS

PILLSBURY MADISON & SUTRO LLP  
PETER W. GOWDEY  
1100 NEW YORK AVE., N.W.  
NINTH FLOOR  
WASHINGTON, D.C. 20005-3918



\*101373566A\*

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 05/25/2000

REEL/FRAME: 010821/0693  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:  
YABE, TOMOYOSHI

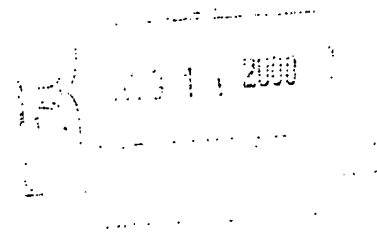
DOC DATE: 05/19/2000

ASSIGNEE:  
NICHIIHA CORPORATION  
12, SHIODOME-CHO, MINATO-KU NAGOYA-  
SHI  
AICHI 455-0846, JAPAN

SERIAL NUMBER: 09578038  
PATENT NUMBER:

FILING DATE:  
ISSUE DATE:

TONYA LEE, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS



Attorney's Docket No.: 270700**Assignment of Application**

WHEREAS, I (WE)

Tomoyoshi YABE of Gran Prisied 302, 19, Himemiyacho 2-chome, Mizuho-ku,  
Nagoya-shi, Aichi 467-0834 Japan,respectively,  
have invented certain new and useful improvements in: SURFACE INSPECTION  
SYSTEMfor which an application for Letters Patent was executed on \_\_\_\_\_  
(Application No. \_\_\_\_\_, filed \_\_\_\_\_), andWHEREAS, Nichiha Corporation  
(hereinafter referred to as "ASSIGNEE") having a place of business at:  
12, Shiodome-cho, Minato-ku, Nagoya-shi, Aichi 455-0846, Japanis desirous of acquiring the entire right, title and interest in and to said invention and in and to  
any Letters Patent that may be granted therefore in the United States and its territorial  
possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt  
whereof is hereby acknowledged, and for other good and valuable consideration, I (WE), by  
these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to  
the said invention in the United States and its territorial possessions and in all foreign countries  
and the entire right, title and interest in and to any and all Letters Patent which may be granted  
therefor in the United States and its territorial possessions and in any and all foreign countries  
and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I (WE) hereby authorize and request the Patent Office Officials in the United States and its  
territorial possessions and any official of any and all foreign countries to issue any and all of  
said Letters Patent, when granted, to said ASSIGNEE as the assignee of my (our) entire right,  
title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his)  
successors and assigns, to the full end of the term for which said Letters Patent may be granted,  
as fully and entirely as the same would have been held by me (us) had this Assignment and sale  
not been made.

Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its legal  
representatives and assigns covenant and any facts known to me (us) respecting said invention,  
and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation,

substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Pillsbury Madison & Sutro LLP of 1100 New York Avenue, NW, Ninth Floor, East Tower, Washington, D.C. 20005-3918 U.S.A. the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: May 19, 2000

Tomoyoshi Yabe  
(Signature of inventor) Tomoyoshi YABE